ISIS
VOLUME 86
1995

EDITORIAL OFFICE
CORNELL UNIVERSITY

EDITOR
MARGARET W. ROSSITER

ASSOCIATE EDITORS
PETER DEAR
JOHN NEU

MANAGING EDITOR
JON M. HARKNESS

EDITORIAL ASSISTANTS
JEAN DONALDSON
JOHN TRACY SPAIGHT

EDITOR'S ASSISTANT
LILLIAN ISACKS

MANUSCRIPT EDITOR
JOAN VANDEGRIFT

ADVISORY EDITORS
WILLIAM ASHWORTH, *University of Missouri–Kansas City*
MARIO BIAGIOLI, *Harvard University*
PETER J. BOWLER, *Queen's University*
NATHAN M. BROOKS, *New Mexico State University*
HAROLD J. COOK, *University of Wisconsin–Madison*
MARCOS CUETO, *Instituto de Estudios Peruanos*
LORRAINE J. DASTON, *University of Chicago*
THOMAS F. GLICK, *Boston University*
JAN V. GOLINSKI, *University of New Hampshire*
MOTT T. GREENE, *University of Puget Sound*
ANITA GUERRINI, *University of California, Santa Barbara*
JONATHAN HARWOOD, *University of Manchester*
GARY HATFIELD, *University of Pennsylvania*
R. W. HOME, *University of Melbourne*
ALEXANDER JONES, *University of Toronto*
LYNN S. JOY, *Duke University*
SHARON KINGSLAND, *Johns Hopkins University*
STUART W. LESLIE, *Johns Hopkins University*
DAVID N. LIVINGSTONE, *Queen's University*
J. D. NORTH, *University of Groningen*
VIVIAN NUTTON, *Wellcome Institute for the History of Medicine*
KATHARINE PARK, *Wellesley College*
PHILIP J. PAULY, *Rutgers University*
LEWIS PYENSON, *University of Southwestern Louisiana*
JAMIL RAGEP, *University of Oklahoma*
ROBERT J. RICHARDS, *University of Chicago*
JON H. ROBERTS, *University of Wisconsin–Stevens Point*
ROBERT SEIDEL, *University of Minnesota*
JOHN W. SERVOS, *Amherst College*
ALAN E. SHAPIRO, *University of Minnesota*
NANCY J. TOMES, *SUNY at Stony Brook*

FORMER EDITORS
GEORGE SARTON (1913–1952)
I. BERNARD COHEN (1953–1958)
HARRY WOOLF (1959–1963)
ROBERT P. MULTHAUF (1964–1978)
ARNOLD THACKRAY (1979–1985)
CHARLES ROSENBERG (1986–1988)
RONALD L. NUMBERS (1989–1993)

EDITORIAL OFFICE
DEPARTMENT OF SCIENCE AND TECHNOLOGY STUDIES
CORNELL UNIVERSITY
726 UNIVERSITY AVENUE, ITHACA, NEW YORK 14850

CONTENTS OF ISIS, VOLUME 86

ARTICLES

Caroline Jean Acker: *Addiction and the Laboratory: The Work of the National Research Council's Committee on Drug Addiction, 1928–1939* 167

Martha Baldwin: *The Snakestone Experiments: An Early Modern Medical Debate* 394

Jacalyn Duffin and Alison Li: *Great Moments: Parke, Davis and Company and the Creation of Medical Art* 1

David A. Hollinger: *Science as a Weapon in* Kulturkämpfe in the United States During and After World War II 440

Sungook Hong: *Forging Scientific Electrical Engineering: John Ambrose Fleming and the Ferranti Effect* 30

Ronald Kline: *Construing "Technology" as "Applied Science": Public Rhetoric of Scientists and Engineers in the United States, 1880–1945* 194

Martin Kusch: *Recluse, Interlocutor, Interrogator: Natural and Social Order in Turn-of-the-Century Psychological Research Schools* 419

Paul Lucier: *Commercial Interests and Scientific Disinterestedness: Consulting Geologists in Antebellum America* 245

J. Andrew Mendelsohn: *"Typhoid Mary" Strikes Again: The Social and the Scientific in the Making of Modern Public Health* 268

Jennifer Moreton: *Before Grosseteste: Roger of Hereford and Calendar Reform in Eleventh- and Twelfth-Century England* 562

John Muendel: *Friction and Lubrication in Medieval Europe: The Emergence of Olive Oil as a Superior Agent* 373

Víctor Navarro Brotóns: *The Reception of Copernicus in Sixteenth-Century Spain: The Case of Diego de Zúñiga* 52

Matt Price: *Roots of Dissent: The Chicago Met Lab and the Origins of the Franck Report* 222

Hans-Jörg Rheinberger: *When Did Carl Correns Read Gregor Mendel's Paper? A Research Note* 612

Robert H. Silliman: *The Hamlet Affair: Charles Lyell and the North Americans* 541

Richard Weikart: *A Recently Discovered Darwin Letter on Social Darwinism* 609

Burma P. Williams and Richard S. Williams: *Finger Numbers in the Greco-Roman World and the Early Middle Ages* 587

NEWS OF THE PROFESSION

March issue 79

June issue 278

September issue 455

LETTERS TO THE EDITOR

June issue 289
September issue 457
December issue 617

ESSAY REVIEWS

Mitchell G. Ash: *Science, Technology, and Higher Education underNazism* 458
Joseph W. Dauben: *Searching for the Glassy Essence: Recent Studies on Charles Sanders Peirce* 290
Dorothy Nelkin: *Constructing Reproduction* 619

BOOK REVIEWS

March issue 82–161
June issue 300–367
September issue 463–534
December issue 622–699

CURRENT BIBLIOGRAPHY

Separate issue